

DEC 10 2009

Attorney Docket No. 101792-300

U.S. Serial No. 09/120,664

Page 2 of 8

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Complete Listing of Claims:

1. (Currently Amended) A biocidal composition comprising composite particles, each of said composite particles containing a shell and a core, said core consisting essentially of a metal or metal-containing compound selected from the group consisting of aluminum phosphate, bismuth oxide, iron II oxide, iron III oxide, silver, silver oxide, titanium oxide, zinc, zinc selenide, and zirconium oxide, ~~wherein the metal is a moiety selected from the group consisting of zinc, copper, bismuth, silver, zirconium, and combinations thereof,~~ and said shell consisting essentially of a metal pyrithione formed by a transchelation reaction of a water-soluble salt of pyrithione selected from the group consisting of sodium pyrithione and potassium pyrithione with a portion of the metal or metal-containing compound of said core in water, ~~with the proviso that said metal-containing compound is not metal pyrithione.~~

2.-37. (Canceled)

38. (Currently Amended) A biocidal composition comprising composite particles containing a shell and a core, said core consisting essentially of a metal or a metal-containing compound selected from the group consisting of aluminum phosphate, bismuth oxide, iron II oxide, iron III oxide, silver, silver oxide, titanium oxide, zinc, zinc selenide, zirconium oxide, ~~zinc, copper, bismuth, silver, iron, titanium, aluminum, zirconium and combinations thereof~~ and said shell consisting essentially of a metal pyrithione formed by a transchelation reaction of a water-soluble salt of pyrithione selected from the group consisting of sodium pyrithione and potassium pyrithione with a portion of the metal or metal-containing compound of said core in water, ~~with the proviso that said metal-containing compound is not metal pyrithione,~~ wherein the particle size for said composite particles ranges from 1 to 20 microns in diameter .

39. (Canceled)

Attorney Docket No. 101792-300

U.S. Serial No. 09/120,664

Page 3 of 8

40. (Currently Amended) The composition of claim 1 wherein said shell consists of zinc pyrrithione, and said core consists of zinc or ~~a zinc-containing compound selected from zinc oxide and~~ zinc selenide, said zinc pyrrithione being formed by a transchelation reaction of a water-soluble salt of pyrrithione selected from the group consisting of sodium pyrrithione and potassium pyrrithione with a portion of the ~~zinc oxide~~ zinc or zinc selenide from said core.

41. (Currently Amended) The composition of claim 38 wherein said shell consists of zinc pyrrithione, and said core consists of zinc or ~~a zinc-containing compound selected from zinc oxide and~~ zinc selenide, said zinc pyrrithione being formed by a transchelation reaction of a water-soluble salt of pyrrithione selected from the group consisting of sodium pyrrithione and potassium pyrrithione with a portion of the ~~zinc oxide~~ zinc or zinc selenide from said core.

42-49. (Canceled)

50. (Currently Amended) A biocidal composition comprising composite particles, each of said composite parties containing a shell and a core, said core consisting essentially of zinc or zinc selenide, and said shell consisting essentially of zinc pyrrithione formed by a transchelation reaction of ~~a water-soluble salt of pyrrithione selected from the group consisting of~~ sodium pyrrithione and potassium pyrrithione with a portion of the zinc or zinc selenide of said core.

51. (New) The biocide composition of claim 50 wherein the particle size for said composite particles ranges from 1 to 20 microns in diameter.

52. (New) The biocidal composition of claim 1 wherein the particle size for said composite particles ranges from 1 to 20 microns in diameter.